

Wind Loads on Buildings, by R. L. A.
Schoemaker, I, Wouters, 28 pp.

DUTCH, per, Het Bouwbedrijf, Vol IX, No 22,
1932, pp 275-283.

SLA Tr 2068

Sci - Eng
Jul 57

50,540

SENDAI-VIRUS ANTIBODIES IN THE POPULATION OF THE
NETHERLANDS, BY J. VERSTEEG, 7PP.

DUTCH, PER, HET NEDERLANDS TIJDSCHRIFT VOOR
GENEESKUNDE, VOL CV, NO 48, 1961, PP 2450-2460.

NIH 8-23-62

SCI - MED

OCT 62

213,732

THE MAXIMUM SPACE LIMIT AND THE SCALING OF THE
SAFETY/ALARM LIMIT

BURCH, per, Het Nederlandsche Verkeers Inst Verkeer
En Vervoer, Vol IX, No 6, 1956, pp 67-77.

AMSTERDAM

Set

Aug 59

93, 6 95

The Production and Measurement of Constant High
Temperatures, Up to 7000° K, by J. A. Smit, 170 pp.

DINCH, thesis, Het Verkrijgen en Meten van Constante
Hoge Temperaturen tot ca. 7000° K., 1950.

Dept of Commerce
Natl Bur of Standards

Sci - Phys

Jul 62

207,740

Multi-Story Block of Flats at Rotterdam, by
W. Van Tijen.

DUTCH, rpt, Het Woongebouw aan Het Zuidplein te
Rotterdam.

D.S.I.R./28455/CT

WE - Netherlands
Econ
Soc
May 57 CTS/dex

48,075

(NY-10)

Megacin and Other Bacteriocin-Type
Substances, by Gyorgy Ivanovics, 22 pp.

HUNGARIAN, per, Orvosi ~~ES~~ Hetilap,
Vol CII, No 23, 4 Jun 1961, pp 1063-1071.

JPRS 11318

Sci - Med
Dec 61.

176,902

Radic Ljubo

The Planting Density and Yields of Hybrid Corn Under
Conditions of High Cultural Practices and a Dry
Year

SERVO
CROATIAN, per, Hibridni kukuruz Jugoslaviye, Year I,
No 3, 1958, pp. 9-27.

*PL 480
OTS 61-11253/1

Jan 62

M. Saric, D. Hadzhiyev, and T. Chupina

Investigation of the Value of Different Leaves of
Maize in Relation to the Amount of Plant Pigments
and Intensity of Photosynthesis.

SERVO CROATIAN, per, Hybrid Corn of Yugoslavia Hibridni
kukuruz Jugoslaviye, Year II, No 8, 1959, pp. 35-48.

*PL 480
OTS 61-11253/2

Jan 62

Bosic Krsto

The Influence of Different Fractions of Seed on the
Development, Growing and Yield of Corn.

SERVO-CROATIAN, per, Hibridni kukuriz Yugoslaviye,
Year II, No 9, 1959, pp. 3-17.

*PL 480
OTS 61-11253/3

Jan 62

Borivoye Lazarevic

The Spread of the Corn Borer in Some Districts of the
P.R. of Serbia in 1959.

SERBO-CROATIAN, per, Hybrid Corn of Yugoslavia Hibradni
kukuruz Yugoslaviye, Year II, No. 9, pp. 36-42 1959

*PL 480
OTS 61-11253/6

Jan 62

Chuturilo Stoyan and Kosovats Voya

The New Possibilities in The Control of Weeds in Corn
Using Triazine.Herbicides.

SERVO-CROATIAN, per, Hubrid Corn of Yugoslavia Hibridni
kukuruz yugoslaviye, Year II, No. 9, 1959, pp. 43-53

*PL 480
OTS 61-11253/4

Jan 62

Djulizibaric, Tasa

Corn Borer (Pyrausta Nubilalis HBN) Control in Stale
Maize-Stalk

SERBO-CROATIAN, per, Hybrid Corn of Yugoslavia Hibridni
kukuruz Yugoslaviye, Year III, No. 10, 1960, pp. 40-59.

*PL 480
OTS 61-11253/7

Jan 62

Ljubisha Vasiljevic and Boriveye Lazarevic

Some Results of the Application of the Entomophagous
Bacteria in Control of the Corn Borer in the Field

SERBO-CROATIAN, per, Hybrid Corn of Yugoslavia
Hibridni kukuruz yugoslaviye, Year III, No. 11, 1960,
pp. 19-27.

*PL 480
OTS 61-11253/5

Jan 62

Organization and Method of Coastal Research in the
Soviet Union, by H. Griesseier, 14 pp.

GERMAN, per, Hidrografiski Godis'njak, Yugoslavia,
pp 26-38. (Call No ZIF 260659).

AMS

USSR

Geo

Jan 61.

136,570

Measuring the Rate of Flow of Streams by the
Salt Method, by I. Vagne. UNCL

HUNGARIAN, per, Hidrol Keel, Vol XXIV, 5/6,
1955, pp 202-206.

DSIR 34793/CI

Sci - Geophys
Apr 59

85,083

Investigation of the Flow of Ground Water
by Means of Radioactive Tracers and Neutron
Logs, by E. Veasey, C. Gearty.

MEMORANDUM, for, Hydrological Division, Vol
XXVII, 1957, pp 45-56.

Dept of Int
US Bur of Reclamation
Tech Lib
Denver, Colo.

Sci - EA Geoph ys
Jun 59

89,934

Deuterium Oxide Content of Oil Field Water
Samples, by K. Csikó, P. C. Fogar. Unpub.

HUNGARIAN, per, Hidrol Kozlony, Vol XXVIII,
No 3, 1957, pp 245-248.

AMS 87-2834

Sci - Geophys
Jan 60

104, 585

SUMMARY

(BT-2345).

The Hydroelectric Plants at the ^{Dob-}~~Asina~~ and Crava
Dams, by Ferenc Marcell, Tamas Puskas, Odon
Starosolszky, 14 pp.

HUNGARIAN, per, Hidrologiai Közlemény, Vol XXXVIII,
No 1, [Feb 1958, Budapest,] pp 55-65.

JPRS 1511-E

REUR - Czech
Econ - Fuel, power
May 59

86,519

CEA-tr-R-1569 Uncl.

LA DÉTERMINATION DE L'URANIUM DANS L'EAU À
L'AIDE DU MORIN. (The Determination of
Uranium in Water with the Aid of Morin).
E. Upor. Translated into French by
Z. Horusitzky from Hidrol. Közlöny, 38:
299-301(1958). 12p.

Analytical; Chemistry; Translations MC-4

C-4 NP NSA Dep.(mc); \$1.60(fs), \$0.80(mf)
JCL

N-4

Measuring of Ground Water Movement by Means of
Radioactive Isotopes, by Ede Vessey, 8 pp.

POLISH, per. Hidrologiai Kozlony, Vol XXXVIII,
1958, pp 338-342. 9097614

AEC Tr-4627

Sci - Engr
Apr 62

193,988

Seventy-Five Years of the Győr Water and Sewage Works
by Balázs Lajos, 10 pp.

HUNGARIAN, bk, Hidrológiai Közlemény, Vol XXVIII, No 3,
Budapest, 1959, pp 180-189. Call No GB651. H63.

AMS

ERur - Hungary
Econ
Nov 59

100,810

The Formation and Decomposition of Hexamethylene
Tetramine, by Emil Baur, Werner Rasttschi, 17 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XXXIV,
1941, pp 754-767. 646538

Picatinny Arsenal 28
OTIA 3300

Sci - Chem

Jul 59

94,319

Determination of Aldehydes and Ketones by Oxidation, by J. J. Perret, 14 pp.

GERMAN, per, Helv Chim Acta, Vol XXXIV, 1941, pp 1531-1542.

~~SECRET~~

Sci

Adm Tech Serv

Jul 58

68,435

Distillation, by Werner Kuhn, 76 pp.
GERMAN, per, Helvetica Chimica Acta, Vol XXV,
No 2, 1942, pp 252-295. ~~9220768~~ 9220768
AEC-NP-Tr-1104

Sci-Phys
May 64

257,167

Fierz-David, Hans Eduard and Stamm, Guido.
CONCERNING ALKALI MELTING OF BENZENE-
SULFONIC ACIDS. (Zur Kenntnis der Alkalischmelze
von Benzolsulfosäuren). [1963] [14p] (foreign text
included)
Order from SLA \$1.60 TT-63-20497

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)
1942, v. 25, p. 364-370.

DESCRIPTORS: *Resorcinol, Synthesis (Chemistry),
*Sulfonic acids, Phenyl radicals, Alkali metal
compounds, Melting.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-63-20497

1. Title: Benzene disulfonic
acid
- I. Fierz-David, H. E.
- II. Stamm, G.

Office of Technical Services

A Colorimetric Phot-Electric Determination of
Fluorine, by P. Urech, 11 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XXV, 1942,
pp 1116.

SLA Tr 763/1955

Sci - Chem

50,205

Jul 57

Penetrability of Cellulose Fibres, by A
Frey-Wyssling.
GERMAN, per, Helvetica Chimica Acta, Vol
25, pp 1474-1484, 1942.
CSIRO/No.7589.

Sci -
Jul 67

333,954

Structure of a Nickel and Cobalt Silicate With
Layer Lattice, by W. Feitknecht, A. Berger,
8 pp.

GERMAN, per, Helv Chim Acta, Vol XXV, Nov 1942,
pp 1543-1547.

SLA Tr 57-861

Sci - Chemistry
Oct 57

54,109

Agency: Picatinny Arsenal R-11110-D
Req. 68-70 3 Dec. 69

Title: Absorptionsspektren von Sprengstoffen.
pp. 121 - 129. 9pp

Author: Von H. Mohler.

Source: Helv. Chim. Acta. Vol. 26. (1943).

Language: German.

Special Instruction: Please translate & type 1 copy only

Picatinny Arsenal
Req. 4-71

R-11884-D
13 July 70

Title: Absorptionsspektren von Sprengstoffen

Author: von H. Mohler.

Source: Helv. Chim. Acta. ~~XXXXXXXX~~ Vol. 26, (1943),
pp. 121 to 129. 9pp

Language: German

Please translate and type 1 copy only.

The Reaction Between Casein and Formaldehyde. 4.
† The Effect of Formaldehyde Hardening Upon the
Swelling of Casein, by H. Nitschmann, H. Hadorn,

GERMAN, par, Helv Chem Acta, Vol LXVI, 1943, pp
1084-1098.

CSIRQ-2231

Sci

Aug 59

95, 388

Karrer, P., Geiger, A. and others.
OPTICALLY ACTIVE PHYTOL [PT. I]. [1962] 12p.
Order from K-H \$15.00 K-H 5629-e

Trans. of Helvetica Chimica Acta (Switzerland) 1943,
v. 26, p. 1741-1750.

DESCRIPTORS: *Alcohols, Decomposition, *Phytol,
Stereochemistry, Optics.

(Chemistry--Organic, TT, v. 9, no. 2)

62-22483

- I. Karrer, P.
- II. Geiger, A.
- III. K-H-5629-e
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Determination and Formation of Oxide Layers on
Aluminum, by W. D. Treadwell, A. Obrist

GERMAN, per, Helv Chim Acta, Vol XXVI, 1943,
pp 1816-1828.

AEC Tr 2377

Scientific - Chemistry; Min/Metals
Feb 56 CTS/dex

31,149

The Calorimetric Standardization of the Activity
of Adsorption Media With Special Consideration
for Aluminum Oxide, by P. B. Muller, 35 p.

GERMAN.

~~SWISS~~, per, Helv. Chim. Acta, 1943, Vol XXVI,
No 5-8, pp 1945,-1965.

4
SLA 60-10835

Sci
May 60
Vol 3, No 4

116, 759

Investigations on Extracts From Organs. Non-
saponifiable Lipoids From Arteriosclerotic
Aortae. Pts 1 and 2, by E. Hardegger.
GERMAN, per, Helv. Chim. Acta, Vol 26, 1943
pp 2205-2212
CSIRO/No. 8363

sci/ chemistry
aug 69

389,749

Spectroanalytical Determination of Traces of Sodium in
Very Pure Aluminum, F. Rohner, 9 pp.

~~GERMAN~~
~~German~~, per, Helv. Chim. Acta, Vol XXVII, 1944,
pp 268-273.

S.L.A. Tr 130/1956

Scientific - Chemistry

33,928

62-22482

Karrer, P., Simon, H., and Zbinden, E.
OPTICALLY ACTIVE PHYTOL [PT.] II. [1962] 15p.
Order from K-H \$18.75 K-H 5562-b

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 313-316.

DESCRIPTORS: *Alcohols, Decomposition, *Phytol,
Stereochemistry, Optics.

(See also: K-H 5629-e)

I. Karrer, P.
II. Simon, H.
III. Zbinden, E.
IV. K-H-5562-b
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Chemistry--Organic, TT, v. 9, no. 2)

Office of Technical Services

Karrer, P., Simon, H., and Zbinden, E.
OPTICALLY ACTIVE L-PHYLLOQUINONE (VITA-
MIN K₁). [1962] 5p.
Order from K-H \$6.25 K-H 5629-f

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 317-319.

DESCRIPTORS: *Vitamin K, *Quinones, Stereochem-
istry, Optics.

(Chemistry--Analytical, TT, v. 8, no. 12)

62-22480

- I. Karrer, P.
- II. Simon, H.
- III. Zbinden, E.
- IV. K-H-5629-f
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Constitution and Toxic Action of Natural and
New Synthetic Insecticides, by P. Langer.

GERMAN, per, Helv Chim Acta, Vol XXVII, 1944,
pp 892-988.

CSIRO-3389

Sci - Chemistry
Jan 59

79,846

Feltknecht, W. and Held, F.
CONCERNING THE HYDROXYCHLORIDES OF MAG-
NESIUM. Über die Hydroxychloride des Magnesiums).
Rept. no. 25 on Hydroxy-salts of Bivalent Metals.
[1963] [37p] (foreign text included) 22refs
Order from SLA \$3.60

63-20179

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 1480-1495.

DESCRIPTORS: *Magnesium compounds, Oxides,
*Chlorides, *Hydroxides, Salts, Metals, Molecular
structure, Solutions, Chemical reactions.

(Chemistry--Physical, TT, v. 10, no. 11)

63-20179

I. Feltknecht, W.
II. Held, F.
III. Title: Hydroxy-...

Office of Technical Services

Concerning Magnesium-Aluminum Double-Hydroxide and Hydroxy-Double-Chloride, by
W. Reikhsch, F. Hald, 8p.
SWISS, per, Helvetica Chimica Acta, Vol 27,
1944, pp 1495-1501.
SLA TR-64-18378

333, 780

Sci
Jul 67

Studies on the Decomposition of Salts of
Polymethylene- (, ,) -Dicarboxylic Acids, by
M. Stoll, A. Rouve, 23 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XXVII,
No 5, May 1944, pp 1570-1583.

SLA 59-15932

Sci
Jan 60
Vol 2, No 7

105,193

Fluorometric Method for Determining Tocopherol,
by M. Kofler,
FRENCH, per, Hlev Chim Acta, Vol XXVIII, 1945,
pp 26-31.
HEW NIH 5-2-67

Sci-B&M
Jun 67

329,033

Viscosity of a Function of Flow Gradient
in Highly Diluted Suspensions and Solu-
tions, by W. Kuhn, H. Kuhn.

GOVERNMENT USE ONLY

GERMAN, per, Helv Chim Acta, Vol 28,
1945, pp 97-127.

NASA TT F-12,013

Sci-Chem
Mar 69

377,058

Oxidation of Manganone(II) Hydroxide With Molecular
Oxygen, by W. Feitknecht, W. Marti,

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945,
pp 129-148.

ATC 458-GJ

ATC 458-GJ

Sci - Chem

Aug 60

123,355

Manganites and Artificial Pyrolusite, by W. Feitknecht,
W. Marti,

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945,
pp 149-156.

ATC - 004376

ATB 561-GJ

Sci - Chem

Aug 60

123,920

Evidence of β -Ascorbic Acid as Metabolism Product
of *Aspergillus Niger*, by H. Geiger-Eubner, M. Galli,

4 p.

GERMAN

~~1945~~, *Helv Chim Acta*, 1945, Vol XXVIII,
pp 248-250.

BIA 59-20397

Sci
Feb 60
Vol 2, No 22

108,204

Studies on the Sulfonation of Naphthalene, by
H. E. Fierz, D. Richter, C. Richter, 3 pp.

GERMAN, per, Helv Chimica Acta, Vol. XXVIII;
1945, pp 257-274.

SLA 57-2599
NIB Tr 9-5

Sci - Chemistry

54,615

Oct 57

Vinylene Homologues of Triphenylmethane Dyes VI,
by H. Lorenz, R. Wizinger, 25 pp. UNCLASSIFIED.

GERMAN, per, Helvetica Chimica Acta, Vol XXVII,
1945, pp 600-612.

CIA/FED/X-1473

Scientific - Chemistry

13,650

Fluorometric and Colorimetric Determination of 2-Methyl-1, 4-Naphthoquinone, by M. Kofler, 13 pp.

GERMAN, per, Halv Chim Acta, Vol XXVIII, 1945, pp 702-707.

NRH 2-9-61

Sci - Med
Apr 61

145,987

Complexones: I. Concerning the Salt Formation of
Nitrilotriacetic Acid, by G. Schwarzenbach.

Full translation.

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945,
pp 828-840.

Def Sci Info Sv,
DRB Canada, T.21.G.

Scientific - Chemistry

JUN 53 CTS

2698

63-14595

Plattner, P. A. and Geiger, M.
THE ACID CHLORIDE OF BETAIN-
HYDROCHLO-
RIDE AND ITS USE IN THE PRODUCTION OF
WATER-SOLUBLE ALCOHOL AND AMINE DERIVA-
TIVES. [1963] 16p. 20 refs.
Order from SLA \$1.60

63-14595

Trans. of Helv[et]ica Chim[ica] Acta (Switzerland)
1945, v. 28, p. 1362-1370.

DESCRIPTORS: Chlorides, Acylation, Production,
*Alcohols, *Glycines, *Amines.

(Chemistry--Organic, TT, v. 10, no. 6)

1. Title: Betaine compounds
I. Plattner, P. A.
II. Geiger, M.

Office of Technical Services

Gelger, Ernst and Wissler, Alfred.
OXY- AND HYDROCELLULOSES. III. THE
QUANTITATIVE DETERMINATION OF CARBONYL
GROUPS IN HYDROCELLULOSE. [1961] 13p. 28 refs.
Order from SLA \$1.60 61-20487

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)
1945, v. 28, p. 1638-1647.

DESCRIPTORS: *Hydrocellulose, Cellulose, Cellulose
chemistry, Carbonyl radicals, Molecular weight,
Determination.

(Chemistry--Analytical, TT, v. 7, no. 1)

61-20487

I. Gelger, E.
II. Wissler, A.
III. Title: Quantitative...

Office of Technical Services

Separation Effects in the Distillation of
Mixtures of any Number of Components, by W.
Kuhn.
GERMAN, per, Helvetica Chimica Acta, Vol 29,
1946, pp 329-342.
*AEC 2617
ALL Ref: 5828.4F (12927)

Sci - Materials
Aug 67

Complexones. III. Uramil Diacetic Acid and Its Complex Building Powers, by G. Schwarzenbach, E. Kampitsch and R. Steiner.

Full translation.

GERMAN, per, Helvetica Chimica Acta, Vol XXIX, No 2, 1946, pp 364-370.

ABC Tr 1293 1292

Scientific - Chemistry

Jun 52 OTS

DEX

CIA-800917

Schwarzenbach, G., Biedermann, W., and
Bangerter, F.
COMPLEXONES. VI. NEW SIMPLE TITRATION
METHODS FOR THE DETERMINATION OF WATER
HARDNESS. [1963] 11p refs
Order from SLA \$1.60

63-20177

Trans. of Helvetica Chimica Acta (Switzerland) 1946,
v. 29, p. 811-813.
Another trans. is available from SLA as 2884, 12p.

DESCRIPTORS: *Sequestering agents, *Water supplies,
Hardness, *Calcium, *Magnesium, *Volumetric
analysis.

(Chemistry--Analytical, TT, v. 10, no. 12)

63-20177

I. Schwarzenbach, G.
II. Biedermann, W.
III. Bangerter, F.
IV. Title: New...
V. Trans-2884

Office of Technical Services

Complexones VI. Simple New Methods of Titration for Determining the Hardness of Water, by G. Schwarzenbach, E. Kampitsch, R. Steiner, W. Biedermann, and F. Rang-erter.

Full translation.

GERMAN, per Helvetica Chimica Acta, Vol XXIX, No 4, 1946, pp 818-8.

AEC Tr 1293

Scientific - Chemistry

Jun 52 CTS
Def Res Board, Canada T-23 G

DEK

Enzymatic Decomposition of 1-Alpha-Oxyacids
(1), by B. Iselin, E. A. Zeller, 33 pp.

GERMAN, per, Helvet Chim Acta, Vol XXIX, No 6,
1 Oct 1946, pp 1508-1520.

NIH

Scientific - Chemistry

Nov 54 CTS

19,551

On Alkaloid Curare From Calabashes (Report I),
by P. Karrer, H. Schmid, 27 pp.

GERMAN, per, Helvet Chim Acta, Vol XXIX, No 7,
1946, pp 1861-1870.

NIH

Scientific - Chemistry CTS/DEX

17,929

Cherbuliez, E. and Weniger, .
PHOSPHORYLATION WITH POLYPHOSPHORIC ACIDS.
1962, 21p. 8 refs.
Order from SLA \$2.60

62-14299

Trans. of Helvetica Chimica Acta (Switzerland) 1946,
v. 29, p. 2006-2017.

DESCRIPTORS: *Phosphorylation, *Phosphoric acids,
Acids, Barium compounds, Calcium compounds,
Phosphates, Ethyl radicals, Alcohols, Cholines,
Amines.

(Chemistry--Inorganic, TT, v. 8, no. 2)

62-14299

I. Cherbuliez, E.
II. Weniger, H.

Office of Technical Services

Separation of Anions on Alumina, by H. Kubli.
GERMAN, per, Helvetica Chimica Acta, Vol 30,
1947, pp 453-463.
#AEC

Sci - Nuclear Science
Jun 67

The Histo-Regenerative Growth-Substances "ER",
by B. Enechlin, A. Von Maralt, 17 pp.

GERMAN

SWISS; per, Helvetica Chimica Acta, Vol. XX, No 2,
1947, pp 519-524.

SLA 60-10398

119,090

Sci
Jun 60
Vol. XII, No 5

Meyer, Kurt H., Fischer, Edmond H., and
Bernfeld, Peter.
ON THE AMYLOLYTIC ENZYMES. I. ISOLATION
OF THE ALPHA-AMYLASE OF THE PANCREAS
(Sur les Enzymes Amylolytiques. I. L'isolement de
l' α -amylase de Pancreas). [1963] [33p] 78 refs.
Order from SLA \$3.60 TT-64-10020

Trans. of Helvetica Chimica Acta (Switzerland) 1947,
v. 30 [no. 1] p. 64-78.

DESCRIPTORS: *Enzymes, *Pancreas, Separation,
*Glucoside hydrolases, Secretion, Gastrointestinal
system,

(Biological Sciences--Biochemistry, TT, v. 11, no. 5)

TT-64-10020

I. Meyer, K. H.
II. Fischer, E. H.
III. Bernfeld, P.
IV. Title: Isolation ...
V. Title: L'isolement ...

Office of Technical Services

On the Accuracy in the Drawing of Electrophoresis
Diagrams According to the Method of Philpot-Svens-
son, in the Use of the Miniature Photo Process,
by E. Wiedemann, 17 pp. UNCLASSIFIED

GERMAN, per, Helvetica Chimica Acta, Vol XXX,
No 2, 15 Mar 1947, pp 639-648.

Dept of Commerce

Patent Office

Sci Lib (gift) 58, 626

Sci - Physics
Feb 58

A New Gap for the Photography of Electrophoresis
Diagrams According to Philpot-Svensson, by E.
Wiedemann, 12 pp. UNCLASSIFIED

GERMAN, per, Helvetica Chimica ~~Acta~~ Acta, Vol XXX,
No 2, 15 Mar 1947, pp 648-656.

Dept of Commerce
Patent Office
Sci Lib (gift)

58,628

Sci - Physics
Feb 58

The Separate Determination of the Tocopherols,
by M. Kofler, et al,
GERMAN, per, Helv Chim Acta, Vol XXX, No 4,
1947, pp 1053-1070.
HEW NIH 4-10-67

Sci-B&M
May 67

326,898

Complex Ions. IV. The Acidity and Alkaline Earth
Complexes of Aniline-Diacetic Acid and Its Substitution
Products., by G. Schwarzenbach, A. Willi, R. O. Bach,
10 pp.

GERMAN, per, Helv Chim Acta, Vol XXX, 1947, pp 1303-20,

1935
AEC-tr-1798

Scientific - Chemistry

11,066

The Occurrence of Chrysene in the Soil, by
W. Kern, 4 pp.

GERMAN, per, Helv Chim Acta, Vol XXX, 1947,
pp 1595-1599.

NIH 4-37-62

199, 231

Sci - Med

Jun 62

Complex Ions. V. Ethylenediaminetetra-Ca Acetic
Acid, ~~Abstract~~ by G. Schwarzenbach, H. Ackermann, 8 pp

GERMAN, per, Helv Chim Acta, Vol XXX, 1947,
pp 1798-1804.

1936
AEC ~~1752~~

Scientific - Chemistry

11,053

62-12373

Stoll, M. and Rouve, A.
THE CYCLIC ACYLOINS. Pt. 3 of Synthesis of
Macrocyclic Compounds with an Odor of Musk. [1961]
16p.

Order from ATS \$21.85

ATS-72N57F

Trans. of Helvetical Chim[ica] Acta (Switzerland)
1947, v. 30, no. 6, p. 1822-1836.

DESCRIPTORS: *Acyloins, Synthesis

- I. Stoll, M.
- II. Rouve, A.
- III. ATS-72N57F
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

(Chemistry--Organic, TT, v. 7, no. 6)

Office of Technical Services

Vitamin A Synthesis, by O. Isler, W. Huber,
A. Ronco, M. Kaflev.

GERMAN, per, Helvetica Chim Acta, Vol XXX, No 6,
1947, pp 1911-1927.

~~*ABC~~

Sci - Chem

Feb 59

John C. ...

61-20292

Nitschmann, Hs. and Schrader, J.
THE THREAD FORMATION OF LIQUIDS AS A
VISCOSITY ANOMALY. [1961] 39p. 38 refs.
Order from SLA \$3.60 61-20292

Trans. of Helvetica Chimica Acta (Switzerland) 1948,
v. 31, p. 277-319.

DESCRIPTORS: *Liquids *Threads, *Viscosity,
*Synthetic fibers, *Textile industry.

(Materials--Textiles, TT, v. 7, no. 5)

I. Nitschmann, H.
II. Schrader, J.

Office of Technical Services

Complex Ions. IX. Titration of Metals With
Ethylenediamine Tetraacetic Acid H_4Y . End Point
Indication by pH Effects, by G. Schwerzenbach,
W. Biedermann, 7 pp.

GERMAN, per, Helv Chem Acta, Vol XXXI, 1948,
pp 459-465.

AEC Tr-2548

38, 384

EE

Sci - Chemistry

Complexones X. - Alkaline Earth Complexes of
O,O'-Dihydroxyazo-dyes (1), by G. Schwarzenbach,
W. Biedermann, 18 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XXXI, 1948,
pp 678-687.

NIE

Scientific - Chemistry CTS/DEX 11, 310

61-16742

1. Hegedus, B.

Hegedus, B.
A NEW SYNTHESIS FOR GLUTATHIONE
(GLUTAMYL-CYSTEINYLGLYCINE). [1961] [24]p.

36 refs.

Order from SLA \$2.60

61-16742

Trans. of Helvetica Chimica Acta (Switzerland) 1948,
v. 31 [no. 3] p. 737-748.

DESCRIPTORS: *Glutathione, Synthesis, Peptides.

A method is reported for the synthesis of glutathione (γ -glutamyl-L-cysteinylglycine). Starting from cysteine and glycine, after blocking the SH group and the NH₂ group of the cysteine, S-benzyl-N-carbobenzoxy-cysteinylglycine is prepared. Splitting out of the carbobenzoxy group and esterification gives the methyl ester of S-benzylcysteinylglycine, which is coupled with the γ -monozide of carbobenzoxy-L-glutamic acid. Saponification gives S-benzyl-N-carbobenzoxyglutathione, which is converted by reduction with sodium in liquid ammonia to the glutathione. (Author)

176575

Office of Technical Services
(Chemistry--Organic,
TT, v. 6, no. 6)

Amino-Salicylic Acid and Structurally Related
Compounds, by H. Erlensmeyer,

GERMAN, per, Helv Chim Acta, Vol XXXI, pp 988-992.
1948,

C.S.I.R.O.

Sci - Chem

May 60

116,424

Complex Ions. XII. The Homologs of Ethylenediaminetetra
Acetic Acid and Their Alkaline Earth Complexes., by
G. Schwarzenbach, H. Ackermann, 33 pp.

GERMAN, per, Helv Chim Acta, Vol XXXI, 1948, pp 1029-48,

AEC-tr-1794

NIT - 315

Scientific - Chemistry

11,067

Irmann, F.
INFORMATION ON THE MAGNESIUM CARBIDES.
5 Mar 51, 28p. (figs. omitted) 52 refs.
Order from SLA \$2.60

62-18965

Trans. of Helvetica Chimica Acta (Switzerland) 1948,
v. 31, p. 1584-1602.

DESCRIPTORS: *Magnesium compounds, *Carbides,
Preparation, Chemical analysis, Thermochemistry,
Thermal conductivity, Pyrolysis, Heat of solution,
Crystal structure, *Acetylenes, Adsorption

The formation of the magnesium carbides from the
metal and various hydrocarbons, and also from mag-
nesium diethyl and acetylene was investigated and their
temperature condition were determined. In order to
analyze the gases, acetylene (C_2H_2) and methylacetylene
(C_3H_4), which are liberated during hydrolysis of the two
(Chemistry--Inorganic, TI, v. 9, no. 10) (over)

62-18965

I. Irmann, F.

Office of Technical Services

Investigation of the Equilibrium
on Dissociation of Calcium, Potassium,
and Sodium Sulphates, both Alone
and in the Presence of Additives, by
E. Briner.

GERMAN, per, Helv. Chim Acta, Vol 31,
No 7, 1948, pp. 2220-35.

NLL Ref: 5196 (1435)

Sci-Phys
July 69

~~387 424~~
~~221 224~~

62-22485

Karrer, P., Karanth, K. P., and Benz, J.
THE SYNTHESIS OF ISO-AXEROPHTENE. [1962]
15p.
Order from K-H \$18.75 K-H 5062-b

Trans. of Helvetica Chimica Acta (Switzerland) 1949,
v. 32, no. 2, p. 436ff.

DESCRIPTORS: Synthesis, Aldehydes, Vitamin A.

- I. Title: Axerophthene
- I. Karrer, P.
- II. Karanth, K. P.
- III. Benz, J.
- IV. K-H-5062-b
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Chemistry--Organic, TT, v. 8, no. 9)

Office of Technical Services

Esters and Ethers of Synthetic Vitamin A, by
O. Isler, A. Ronco, W. Guex.

GERMAN, per, Helvetica Chim Acta, Vol XXXII, No 2,
1949, pp 489-498.

Sci - Chem

Feb 59

~~ABC~~

John W. ...

Chief ...
C.I.S. ...
...
...
C.I.S. Vic.

The Occurrence of Hesperidin and Neohesperidin in
Unripe Oranges and the Ovaries and Stigmas of
Orange Blossoms, by W. Karrer, 10 p.

SWISS, per, Helvetica Chimica Acta, Vol XXXII,
No 3, 1949, pp 714-717.

SLA DT 66-10259

Sci-B&M

Jun 66

302,761

Karrer, P., Karanth, K. P., and Benz, J.
ISO-DESMETHYLAXEROPHTHENE. [1962] 7p.
Order from K-H \$8.75 K-H 5268-a

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)
1949, v. 32, p. 1036-1040.

DESCRIPTORS: Vitamin A, Aldehydes, *Methyl
radicals.

(Chemistry--Organic, TT, v. 8, no. 9)

62-22484

- I. Karrer, P.
- II. Karanth, K. P.
- III. Benz, J.
- IV. K-H-5268-a
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Complexones XV. New Derivatives of Imino-Diacetic Acid and its Alkaline-Earth Complexes. Relation Between Acidity and Complex-Formation, by G. Schwarzenbach, H. Achermann, P. Ruckstuhl.

Full translation.

GERMAN, per, Helv Chim Acta, Vol XXXII, No 4, 1949, pp 1175-1186.

Def Sci Info Sv,
DRB Canada, T.24.G.

Scientific - Chemistry

Jun 53 CTS

2689.

269,

Metal Indicators. I. Murexide as an Indicator for Calcium and Other Metallic Ions. Complex Formation and Light Absorption, by G. Schwarzenbach. H. Gysling, 18 pp.

GERMAN, per, Helv Chim Acta, Vol XXXII, 1949, pp 1314-1325.

NIH 12-16

Sci. - Chemistry
Jan 60

105,308

Agency: ACSI

P.O. 8J-8558

Title: 199. Metal Indicators, Part II

Relations between Structure and Complex-Formation
Capacity in Relatives of Murexide

Author: H. Gysling and G. Schwarzenbach

Source: HELVETICA CHIMICA ACTA, 32, 1314 (1949)

pp 1484-1504

Language: German

Instructions: Translate and type one copy on 8" X 10" ¹/₂"
bond paper, single spaced. Document may be cut for
paste ups. Type "J" number on each page at top center
and number each page at top right hand side.

R-11295-E

16 July 70

Reaction of Carbon with the Nitrides of
Calcium, Barium, and Magnesium, and Their
Relation to the Cyanide-Cyanamide Equilibrium.
PT C. Nitride of Magnesium and Carbon, by A.
Perret, J. Riethmann, 7pp
DUTCH, per, Helvetica Chimica Acta, Vol 32,
1949, No 5, pp 1378-1390
SIA TT-65-10127

Sci - Chem
June 67

328,897

Reduction of Cyclid Quarternary Ammonium
Salts With Lithium Alluminium Hydride, by
H. Schmid, P. Karrer.

GERMAN, per, Helvetica Chimica Acta, Xxv
Vol XXXII, ~~xix~~ 1949, p 1960.

MU/T.478

Sci-Chem
May 63

229,897

Karrer, P., Eugster, C. H., and Patel, D. K.
ON THE CONTENTS OF SOME EQUISETUM
SPECIES. [1964] 7p
Order from K-H \$4.20

K-H-2818-a

Trans. of Helv[et]ica Chim[ica] Acta (Switzerland)
1949, v. 32, no. 7, p. 2397-2399.

(Biological Sciences--Botany, TT, v. 12, no. 1)

TT-64-12914

- I. Karrer, P.
- II. Eugster, C. H.
- III. Patel, D. K.
- IV. K-H-2818-a
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Organ Extracts. XVII, Isolation of Progesterone
from the Corpus Luteum of Whale, by V. Prelog,
P. Meister, 9 p.

German
SWISS, manuscript, Helv Chim Acta, 1949, Vol XXIII,
No 7, pp 2435-2439.

SLA 60-10397

Sci
Apr 60
Vol III, No 3

111,581